High School to College <u>Articulation</u> Map

<u>Area of Study:</u> Information Technology Education   **<u>Pathway:</u>** Network Systems
<u>National Career Cluster:</u> Information Technology

<u>Region</u> Wasatch Front <u>District</u> <u>School</u>	<u>College / Institution</u> Salt Lake Community College
<u>Contact person</u> Don Johnson <u>Ph.#</u> 957-5807	Articulation Agreement in place? Yes * No
<u>e-mail</u> don.johnson@slcc.edu <u>Date</u> 10-20-06	<u>Name of Degree or Certificate</u> Telecommunications Technology
	Associate of Applied Science Degree (63-64 hours required)

High School				**College**		
Course #	**High School Suggested Courses**	**H.S. Credit**	**College Credits**	**Course #**	**College General Education Requirements**	**Credits**
	ENGL 1010*	1	3 ⇒	ENGL 1010#	Introduction to Writing	3
	MATH 1050*	1	4 ⇒	ELET 1050#	Electronics Math or MATH 1050 Col Algebra (4)	3
	COMM 1010*	1	3 ⇒	COMM 1010#	Elements of Effective Communication	3
				LE 1220#	Human Relations	3
	1 course from : BioSci, FineArts, Humanities, Interdisc, PhySci*	1	3 ⇒	#	1 course from any area: BioSci, FineArts, Humanities, Interdisciplinary, PhySci	3
H.S.Total (General Ed.)And Other Available Credits			**13**		**College Total Credits**	**15**

Course CIP #	**High School Career Pathway Courses (min. # Required: 2)**	**H.S. Credit**	**College Credits**	**Course #**	**College Major Course Requirements**	**Credits**
Course#	**Introductory Course: (preferred)**	**Credit**				
11.0101	Information Technology, Introduction	.50				
Course#	**Foundation Courses: (required)**	**Credit**				
52.0417	Computer Technology	.50				
11.0440	Network +*	.50	4 ⇒	TELE 2461#	Network Routing/Switching I	4
	One of the following three courses:					
11.0410	Certified Novell Admin (CNA)	1.00				
11.0430	Microsoft Certified Profess (MCP)*	1.00	4 ⇒	TELE 2210#	MCSA/MCSE Mod 1 (from Electives below)	4
11.0420	Cisco Certif Network Admin (CCNA)	1.00				
Course #	**Elective Courses:**	**Credit**				
11.9920	A+ (Computer Maintenance)*	1.00	4 ⇒	TELE 2320#	Computer Maintenance (A+) Certification	4
11.9940	Linux Fundamentals	1.00				
11.0450	Security Fundamentals	.50				
32.0199	Student Internship (Critical Workplce Skills)	.50				
				TELE 1110#	Telecommunication Cabling	2
				TELE 2340#	Telecommunications system Design	4
				TELE 2470#	Convergent Network Technologies	4

						Minimum 8 hours Network Infrastructure electives below	4 (normally 8 but 4 hrs taken below)
					TELE 2463#	Internetworking Design (4)	
					TELE 2465#	Building Scalable Internetworks (4)	
					TELE 2466#	Remote Access Networks (4)	
					TELE 2467#	NetworkTroubleshooting & Support (4)	
					TELE 2510#	Computer Network Security (4)	
						Minimum 12 hours from Operating Systems electives below	8 (Normally 12 but 4 hrs taken above)
					TELE 2220#	MCSA/MCSE Mod 2 (4)	
					TELE 2230#	MCSA/MCSE Mod 3 (4)	
					TELE 2337#	MCSA/MCSE Mod 7 (2)	
	Additional Articulated Classes Below	**Credit**					
47.0105	Electronics Technician*	1	6	⇒	ELET 1010#	DC/AC Basic Electronics	6
11.0440	Network Switching/Routing II*	.5	4	⇒	TELE 2462#	Network Switching/Routing II (4) (from electives above)	4
Total Pathway Credits			⇒		**Total Major Course Credits Required**		**44+**
TOTAL Potential(college) Credits Earned in High School		**22**		**TOTAL Credits Required for Major**			**63-64**

 # Based on an articulation agreement between SLCC and Utah Valley State College, SLCC courses marked by the # sign also count toward a bachelors degree at UVSC (15 hours of General Education & 45 hours of major courses). This leaves an additional 67 hours to achieve a bachelor's degree in Technology Management at UVSC.

*Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note: *= concurrent; **= distant** **updated10-20-06***